

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4512

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Johnie G. Patrick and Zelda C. Patrick

Known As The

Glory Hole No. 2, Mesa Verde No. 4, and Rainbow No. 12 lodes

Mogollon Rim Mining District,

Coconino County, Arizona

Sections 20 and 21, Township 11 North, Range 15 East,

Gila and Salt River Meridian

Surveyed under order dated 19 October, 19 59

by Richard L. Merritt

Mineral Surveyor.

Glory Hole No. 2 - 4/1/55

Mesa Verde No. 4 - 3/7/53

Claim located Rainbow No. 12 - 7/25/47, 19

Survey commenced 24 October, 19 59

Survey completed 5 December, 19 59

Address of claimant J. H. Morgan, Atty., Phoenix, Arizona

DATES OF AMENDED LOCATIONS

Mesa Verde No. 4 - 9/1/59

Rainbow No. 12 - 9/1/59

Chains
Feet

This survey was made with a Berger transit No. 17503, with horizontal limb 5 1/8 ins. diam., having two double opposite verniers and full vertical circle 5 ins. diam., having one double vernier; the verniers read to one minute of arc; a prismatic eyepiece with colored glass was attached to the eyepiece of the transit for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

All azimuths in the record were determined by the method of deflection angles referred to the meridian, determined by direct observation on the sun:

Oct. 24, 1959, at cor. No. 1 of the Mesa Verde No. 4 lode, in latitude 34°19'30" N., and longitude, 110°47'35" W., turning from cor. No. 4 of the Mesa Verde No. 4 lode to the sun.

True course of line 1 - 4 Mesa Verde No. 4 lode = S. 12°14' E.

The lines were measured with a Lufkin steel tape 300 feet in length, graduated every foot, the first and last foot being graduated to tenths and hundredths; the tape was compared with a Lufkin standard tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner of the survey gave a uniform value of 15° E.

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RAINBOW NO. 12 LODE

At cor. No. 1 of the Rainbow No. 12 lode, identical with cor. No. 1 of the Mesa Verde No. 4 lode of this survey.

On line 2 - 3 Sur. No. 4442 Glory Hole No. 3 lode.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. R 12-1, M V 4-1-4512; from which

The north 1/4 cor. sec. 20, T. 11 N., R. 15 E., bears N. 14°10'20" E. 1025.8 ft. dist.

An iron pipe, 3/4 ins. diam., 12 ins. above the ground, mkd. and witnessed as described in the official record.

Thence S. 12°14' E.

300.0 Lode line; Mesa Verde No. 4 lode of this survey.

600.0 Cor. No. 4 Mesa Verde No. 4 lode of this survey.

1500.0 Cor. No. 2.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. R 12-2-4512; from which

A pine, 18 ins. diam., bears S. 24°16' W., 24.03 ft. dist., mkd.

X-R-12-4512 BT.

Cor. No. 2, Sur. 4464, Percy Rufus #1 lode, an iron post, 3/4 in. diam., 8 ins. above ground, properly mkd., bears N. 39°28' E., 70.7 ft. dist.

Thence S. 77°46' W.

300.0 Lode line; discovery point bears N. 12°14' W., 400 ft. dist.

600.0 Cor. No. 3.

Chain Feet	
	Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. R-12-3-4512; from which dist. A pine, 40 ins. diam., bears N. 12° 05' W., 11.51 ft., mkd. X-R-12-3-4512 BT. Thence N. 12° 14' W.
1500.0	Cor. No. 4. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. R-12-4-4512. Thence N. 77° 46' E.
300.0	Lode line, identical with cor. No. 3, Sur. No. 4442 Glory Hole No. 3 lode, discovery point bears S. 12° 14' E., 1100. ft. dist.
600.0	Cor. No. 1, and place of beginning.
MESA VERDE NO. 4 LODE	
	Beginning at cor. No. 1 of the Mesa Verde No. 4 lode, identical with cor. No. 1 Rainbow No. 12 lode of this survey. Thence N. 77° 46' E.
300.0	Cor. No. 2 Sur. No. 4442 Glory Hole No. 3 lode.
1500.0	Cor. No. 2, identical with cor. No. 4 Glory Hole No. 2 lode of this survey. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. M V 4-2, G H 2-4-4512. Thence S. 12° 14' E.
300.0	Lode line; discovery point bears S. 77° 46' W., 200 ft. dist.
600.0	Cor. No. 3, identical with cor. No. 3 Glory Hole No. 2 lode of this survey. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. M V 4-3, G H 2-3-4512. Thence S. 77° 46' W.
1500.0	Cor. No. 4. On line 1 - 2 Rainbow No. 12 lode of this survey. Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. M V 4-4-4512. Thence N. 12° 14' W.
300.0	Lode line; discovery point bears N. 77° 46' E., 1300 ft. dist.
600.0	Cor. No. 1, and place of beginning.
GLORY HOLE NO. 2 LODE	
	At cor. No. 1 of the Glory Hole No. 2 lode.

Chain
Feet

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. G H 2-1-4512; from which

The northeast cor. sec. 20, T. 11 N., R. 15 E., Gila and Salt River Meridian, bears N. 5°55'20" W., 369.33 ft. dist.

An iron pipe, 2 ins. diam., 12 ins. above the ground, marked and witnessed as described in the official record.

A pine, 18 ins. diam., bears N. 36°16' E., 40.28 ft. dist., mkd. X-G H 2-1-4512 BT.

Thence S. 12°14' E.

300.0 Lode line; discovery point bears S. 77°46' W., 1480 ft. dist.

600.0 Cor. No. 2.

Set an iron pipe, 2 ft. long, 1 in. diam., 18 ins. in the ground, mkd. G H 2-2-4512; from which

A pine, 18 ins. diam., bears S. 47°40' E., 9.78 ft. dist., mkd. X-G H 2-2-4512 BT.

Thence S. 77°46' W.

1500.0 Cor. No. 3, identical with cor. No. 3 Mesa Verde No. 4 lode of this survey.

Thence N. 12°14' W.

300.0 Lode line; discovery point bears N. 77°46' E., 20 ft. dist.

600.0 Cor. No. 4, identical with cor. No. 2 Mesa Verde No. 4 lode of this survey.

Thence N. 77°46' E.

1500.0 Cor. No. 1, and place of beginning.

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AREAS

Acres

Total area, Rainbow No. 12 lode 20.661

Total area, Mesa Verde No. 4 lode 20.661

Total area, Glory Hole No. 2 lode 20.661

LOCATION

This survey is located in the northeast and northwest quarters of section 20, NW 1/4 sec. 21, T. 11 N., R. 15 E., Gila and Salt River Meridian, within the Sitgreaves National Forest, Coconino County, Arizona.

The survey of all lodes of this claim is identical with the respective location or amended location as marked on the ground. The location monuments were rebuilt alongside at the four corners of each lode.

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EXHIBITS
Feet.

EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claim by the claimant or their grantors are as follows:

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|--------|--|
| No. 1 | The discovery point of the Rainbow No. 12 lode is on the lode line N. 12°14' W., 400 ft. from the center of line 2 - 3.
No value. |
| No. 2 | A trench, the north end of which bears S. 12°41' W., 264. ft. from cor. No. 1 of the Rainbow No. 12 lode, 42 ft. wide, 2.5 ft. deep, running S. 38° E., 67 ft.
Value, \$600. |
| No. 3 | A trench, the north end of which bears S. 18°45' W., 241 ft. from cor. No. 1 of the Rainbow No. 12 lode, 20 ft. wide, 2 ft. deep, running S. 35° E., 24 ft.
Value, \$100. |
| No. 4 | A trench, the north end of which bears S. 53°28' E., 169 ft. from the center of line 4 - 1 Rainbow No. 12 lode, 14 ft. wide, 4 ft. deep, running S. 49° E., 70 ft.
Value, \$400. |
| No. 5 | A trench, the east end of which bears S. 24°10' W., 243 ft. from cor. No. 1 of the Rainbow No. 12 lode, 13 ft. wide, 3.5 ft. deep, running S. 62° W., 60 ft.
Value, \$300. |
| No. 6 | A trench, the north end of which bears S. 57°52' E., 296 ft. from cor. No. 4 of the Rainbow No. 12 lode, 11 ft. wide, 3 ft. deep, running S. 18° E., 80 ft.
Value, \$300. |
| No. 7 | A trench, the west end of which bears S. 26°30' E., 340 ft. from cor. No. 4 of the Rainbow No. 12 lode, 12 ft. wide, 2 ft. deep, running N. 69° E., 200 ft.
Value, \$500. |
| No. 8 | A trench, the north end of which bears S. 21°58' E., 261 ft. from cor. No. 4 of the Rainbow No. 12 lode, 12 ft. wide, 2 ft. deep, running S. 31° E., 71 ft.
Value, \$200. |
| No. 9 | A trench, the west end of which bears S. 34°12' E., 372 ft. from cor. No. 4 of the Rainbow No. 12 lode, 12 ft. wide, 4 ft. deep, running S. 76° E., 26 ft.
Value, \$100. |
| No. 10 | A trench, the north end of which bears S. 2°35' E., 326 ft. from the center of line 4 - 1 Rainbow No. 12 lode, 16 ft. wide, 3 ft. deep, running S. 40° E., 42.0 ft.
Value, \$200. |
| No. 11 | A trench, the south end of which bears S. 77°46' W., 286 ft. from cor. No. 2 of the Rainbow No. 12 lode, 36 ft. wide, 18 ft. deep, running N. 28° E., 123 ft.
Value, \$6,000. |
| No. 12 | A trench, the east end of which bears N. 21°02' E., 300 ft., from cor. No. 3 of the Rainbow No. 12 lode, 17 ft. wide, 5 ft. deep, running N. 77° W., 110 ft.
Value, \$1,000. |

Chain Feet	
No. 1	The discovery point of the Mesa Verde No. 4 lode is on the lode line S. 77°46' W., 200 ft. from the center of line 2 - 3. No. value.
No. 2	A trench, the west end of which bears S. 21°35' E., 267 ft. from cor. No. 1 of the Mesa Verde No. 4 lode, 13 ft. wide, 3 ft. deep, running N. 67° E., 43 ft. Value, \$180.
No. 3	A trench, the west end of which bears S. 28°40' E., 210 ft. from cor. No. 1 of the Mesa Verde No. 4 lode, 7 ft. wide, 3 ft. deep, running S. 80° E., 25 ft. Value, \$60.
No. 4	A trench, the east end of which bears S. 41°45' E., 347 ft. from cor. No. 1 of the Mesa Verde No. 4 lode, 13 ft. wide, 3 ft. deep, running S. 64° W., 65 ft. Value, \$250.
No. 5	A trench, the east end of which bears S. 50°31' E., 385 ft. from cor. No. 1 of the Mesa Verde No. 4 lode, 10 ft. wide, 3 ft. deep, running S. 69° W., 26 ft. Value, \$80.
No. 6	A trench, the east end of which bears S. 54°32' E., 231 ft. from cor. No. 1 of the Mesa Verde No. 4 lode, 10 ft. wide, 2 ft. deep, running S. 55° W., 26 ft. Value, \$60.
No. 7	A trench, the north end of which bears S. 76°47' E., 192 ft. from cor. No. 1 of the Mesa Verde No. 4 lode, 8 ft. wide, 3.5 ft. deep, running S. 3° E., 25 ft. Value, \$75.
No. 8	A trench, the west end of which bears N. 84°49' E., 840 ft. from cor. No. 1 of the Mesa Verde No. 4 lode, 10 ft. wide, 2 ft. deep, running N. 78° E., 100 ft. Value, \$200.
No. 9	A trench, the west end of which bears S. 73°30' E., 880 ft. from cor. No. 1 of the Mesa Verde No. 4 lode, 60 ft. wide, 2 ft. deep, running N. 68° E., 72 ft. Value, \$900.
No. 1	The discovery point of the Glory Hole No. 2 lode is on the lode line N. 77°46' E., 20 ft. from the center of line 3 - 4. No Value
No. 2	A trench, the south end of which bears S. 25°58' E., 246 ft. from the center of line 3 - 4 Glory Hole No. 2 lode, 20 ft. wide, 5 ft. deep, running N. 25° E., 83 ft. Value, \$750.
No. 3	A trench, the south end of which bears N. 12°14' W., 243 ft. from cor. No. 3 of the Glory Hole No. 2 lode, 14 ft. wide, 1 ft. deep, running N. 53° E., 26 ft. Value, \$75.
No. 4	A trench, the east end of which bears S. 80°04' W., 625 ft. from cor. No. 2 of the Glory Hole No. 2 lode, 50 ft. wide, 14 ft. deep, running S. 77°46' W., 240 ft. Value, \$6,000.

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Chains Feet	OTHER IMPROVEMENTS	Feet
	None	
	OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA	
	Sur. No. 4442 Glory Hole No. 3 lode, corners No. 2 and 3 are sandstones, firmly set and properly marked. Line 2 - 3 was found to be S. 77°46' W., 600 ft., instead of S. 77°52' W., 600 ft. as approved	
	FIELD ASSISTANTS	
	Name	Capacity
	J. B. Sarvis	Chairman
	Joe Matle	Chairman
	Richard Good	Axeman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

5 December, 19 59

I, Richard L. Merritt

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the office of

Cadastral Engineer, at Phoenix, Arizonadated 19 October, 1959, I have faithfully and correctly executed the survey of
the mining claim of Johnie G. Patrick and Zelda C. Parrickknown as the Glory Hole No. 2, Mesa Verde No. 4, and Rainbow No. 12 lodes
(Lode, placer, or mill site)situate in secs. 20 and 21T. 11 North, R. 15 East, Gila and Salt River Meridian, Arizona, and
(State)designated as Survey No. 4512, which is represented in the foregoing field notes as having been
executed by me and under my direction, and that said survey has been made in strict conformity with said order,
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner
described in the foregoing field notes, and I do further certify that the labor expended and improvements madeupon or for the benefit of the lode location(s) embraced in the said mining claim by
(Lode or placer)claimant(s) or their grantors are fully stated in my report therein, and that the character,
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no
portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate
of expenditures upon any other claim.Prescott, Arizona
(Place)Richard L. Merritt
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management--Survey Office

(Office)

Phoenix, Arizona

(Place)

December 1, 1960

(Date)

The foregoing field notes of mineral survey No. 4512, in Mogollon Rim Mining District,Sections 20 and 21, T. 11 North, R. 15 East, Gila & Salt River Meridian,Arizona
(State)executed by Richard L. Merritt, Mineral Surveyor,under order dated October 19, 1959, having been critically examined and the necessary
corrections made prior to their certification by the surveyor, the field notes and the survey therein described
are hereby approved.Lester S. Mann
Lester S. MannOffice Cadastral Engineer
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. _____
is a true copy of the original field notes.

(Title)

